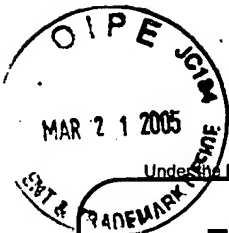


JPW



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

12

Application Number

10/644,073

Filing Date

08/18/2003

First Named Inventor

Dehao Zhu

Art Unit

2857

Examiner Name

Carol S.W. Tsai

Attorney Docket Number

D5407-200

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Acknowledgment Postcard
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Duane Morris LLP		
Signature			
Printed name	Gary R. Maze		
Date	03/17/2005	Reg. No.	42,851

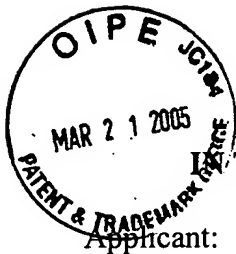
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Applicant:	Zhu, Dehao et al.	§	Examiner:	Tsai, Carol S W
		§		
Serial No.:	10/644,073	§	Group Art Unit:	2857
		§		
Filing Date:	08/18/2003	§	Attorney Docket:	D5407-200
		§		104-30772-US
Title:	Neural Network Model For	§		
	Electric Submersible Pump	§		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND OFFICE ACTION RESPONSE**

Dear Sir:

Responsive to the Office Action mailed December 23, 2004 please make the following amendments: